



**Intercontinental Terminals Company (ITC) Fire Morning Update
Deer Park, Texas
April 1, 2019 0000 – April 1, 2019 1159**

- The Environmental Protection Agency (EPA) continues to participate in Unified Command with Texas Commission on Environmental Quality (TCEQ), Harris County Pollution Control Services, and ITC.
- The number and amount of benzene detections has decreased steadily throughout the day, due to the ongoing removal of product from tanks and the tank farm, as well as the continued use of foam as needed.
- The Executive Director of the TCEQ (Toby Baker), as well as the Commander of the United States Coast Guard (USCG) 8th District (Paul Thomas), and acting EPA Regional Administrator David Gray visited the site on April 1, 2019 to discuss transitioning, end points, and resource needs.
- Flushing in ditches was conducted on April 1, 2019, on the southside of Tidal Road near the coffer dam and the Clean Harbors facility, as well as upper Tucker Bayou to help keep the benzene levels minimal in that area.
- The Shoreline Cleanup Assessment Team (SCAT) and endpoints plans were provided to Unified Command for comments on April 1, 2019.
- The Equipment decontamination plan has been provided for comment.
- On April 1, 2019, pumping into the 57,000-barrel (bbl) barge docked at ITC from waste storage tanks began.
- On April 1, 2019, Harris County Pollution Control announced they will hire a contractor to conduct soil sampling along Independence Parkway, and Tidal Road to help facilitate the reopening of the roads to public traffic.
- On April 1, 2019, ITC requested to utilize outfall 005 to drain the noncontact stormwater from the base oil tank farm that lies right along Tucker Bayou. EPA and TCEQ discussed with TCEQ management, who agreed to plan, as long as ITC samples the water (using their normal noncontact protocol) and the discharge will not affect operations on Tucker Bayou (ITC will work with EPA and USCG early on April 2 on approval of this issue). TCEQ and EPA received the sampling results early on April 2, 2019; both Chemical Oxygen Demand (COD) and pH are within their permitted limits.
- On April 1, 2019, ITC announced a frac tank manifold and vacuum truck unloading area is being constructed. 4-500 bbl frac tanks will be connected in series, which will allow for 4-70 bbl or 130-bbl vac trucks to unload at the same time to the frac tank system.
- Several entities including TCEQ, EPA, and ITC continue to conduct air monitoring around the tank farm, in adjoining industrial areas, and communities downwind from the facility.
- EPA conducted surface water sampling on April 1, 2019, at 10 sample locations. The surface water samples were collected along Buffalo Bayou and the San Jacinto River, and will be analyzed for Per- and polyfluoroalkyl substances (PFAS), Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), COD, and Oil & Grease.
- The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft found no exceedances of the Texas comparison values on April 1, 2019, during Flight 17. ASPECT has conducted a screening level assessment to evaluate the unreported or undetected releases of hazardous materials or contaminants at the ITC in Deer Park, Texas. The screening level results from ASPECT were compared to the ASPECT list of TCEQ short-term Air Monitoring Comparison Values (AMCVs) and found no exceedances of the short-term AMCVs. No chemicals were detected by the ASPECT.
- EPA conducted air sampling using the Trace Atmospheric Gas Analyzer (TAGA) on April 1, 2019. The TAGA analyzed the air samples for benzene, toluene and xylene. The TAGA air sampling results were compared to the TCEQ short-term AMCVs and found no exceedances of the short-term AMCVs

for toluene. The TAGA air sampling results found exceedances of the short-term AMCV for benzene (0.18 ppm) and xylene (1.7 ppm). These exceedances of the short-term AMCV for benzene and xylene have been shared with unified command and local officials.

- EPA conducted handheld air monitoring on April 1, 2019 (from midnight to 11:59 pm), at 61 locations. Results were reported above the detection limit at seven locations for total VOCs. Benzene was detected above the Texas Commission on Environmental Quality (TCEQ) short-term Air Monitoring Comparison Value (AMCV) (0.18 ppm) at three locations. EPA will conduct additional air monitoring and deploy the TAGA to determine if the short-term AMCV for benzene continues to be exceeded.
- ITC continued air monitoring on April 1, 2019, (from midnight to midnight); there were 3,825 VOC readings (627 detections) with and 2,720 benzene readings (445 detections).
- TCEQ continued handheld air monitoring on April 1, 2019 (from 12:00 am to 10:00 pm); approximately 166 readings were taken. No readings above the Unified Command action level were detected.
- As of 7:00 pm on April 1, 2019, ITC had deployed 118,300 feet of boom, 61,807 bbl of product/water were recovered from water operations, 92,222 bbl of product/water were recovered from the tank farm, approximately 465,000 gallons of foam concentrate were used for fire-fighting/suppression and emission suppression, and 960 people were working on-scene.
- Vacuum truck operations at Tucker Bayou and the outfall ditch continue on 24-hour basis.

Tank Status	Tank No.
Complete	80-2, 80-3, 80-7, 80-10, 80-12, 80-13, 80-14, 80-15
Standby	80-1, 80-4, 80-5, 80-6, 80-8, 80-9, 80-11

Additional Information: Air Monitoring and Water Sampling locations:

